

2/3/87

153570

D A I L Y

DATE: February 3, 1987

F I E L D

TIME: 0700 to 1650

R E P O R TPLACE: Cerro Copper Plant Site  
Sauget, IL

WEATHER: Cloudy, Windy, 30s

PROJECT: JOB 10224A  
CERRO COPPER  
IEPA RI/FS OVERSIGHTDISTRIBUTION:S. Silverstein, Cerro (2 copies)  
LJO/JBC/ED 10224A-1.3PERSONNEL ON SITE:

<u>Name</u>	<u>Affiliation</u>	<u>Hrs.</u>
Dave Guyan	Sverdrup	9.5
Dan Sewall	Ecology & Environment (E&E)	9.5
Tim Maley	Ecology & Environment (E&E)	9.5
Jerry Hamman	Fox Drilling	9.5
Robbie Crachity	Fox Drilling	9.5
Henry Colligan	Drillers Union Official	9.5

FIELD WORK SUMMARY:

1. Dave Guyan arrived at Cerro Copper Plant at 0700. Jerry Hamman and Robbie Crachity arrived at 0715 and went onsite. Dan Sewall, Tim Maley and Henry Colligan arrived at 0725. Pete Alvey (E&E) stayed at Metro Field Office.
2. Crew members set up on new location which was numbered soil boring I-7, monitor well EE-15. This is located just west of Dead Creek and approximately 300' north of boring I-6 (see Attachment A). Crew members wore Level C protective clothing.
3. Drilling was completed at 0900. Hole collapsed so drillers pumped water down hole to remove debris. Stainless steel screen was set from depths 30.0'-25.0'. Stainless steel riser from 25.0' to 2.0' above grade. D. Sewall departed site to deliver samples to P. Alvey. He used an OVA to screen samples that will be sent to the lab for analysis.
4. J. Hamman added 2.0' of sand and 2.0' of bentonite pellets. R. Crachity placed dry cement down the hole and installed a locking well cover. All crew members left location I-7 and moved to steam cleaning area. Drillers began steam cleaning equipment at 1100.
5. Crew moved to next location at 1200. This was soil boring I-8, monitor well EEG-112 and is located at the southern end of plant

C284-12

February 3, 1987

just north of Queeny Avenue (see Attachment A). This location was required to replace an existing IEPA monitor well. Crew members wore Level C protective clothing. IEPA monitor well will be abandoned upon completion of EEG-112.

6. D. Sewall departed site at 1100 to give EPA personnel a tour of the work they are performing for the scope of the Dead Creek project.
7. Drillers pumped water down hole at depth 25.0' to remove collapsed debris. They then drilled down to 28.0' and took a split-spoon sample to ensure they were still in sand formation.
8. D. Sewall returned at 1400 and Maley informed him of progress. Sewall instructed drillers to set well screen from 26.5' - 21.5'. Drillers then pulled augers up 1.5' to allow hole to collapse so well could be set at 26.5'. Drillers installed 5.0' of stainless steel screen and stainless steel riser to 2.0' above grade.
9. A natural sand pack was used around well. J. Hamman added bentonite pellets from depth 18.0' to 8.0'.
10. Drillers added grout to well using a tremie line. R. Crachity cut IEPA well to grade and then added grout using a tremie line. A locking well cover was installed over new well and Crachity placed dry cement around it. Crachity and Colligan drummed the drill cuttings.
11. Crew members moved to steam cleaning area where Crachity began steam cleaning the equipment.
12. All crew members departed site at 1650 and will meet at Cerro Plant tomorrow at 0700.
13. D. Guyan took 21 pictures of the days activities.

Attachments (1)

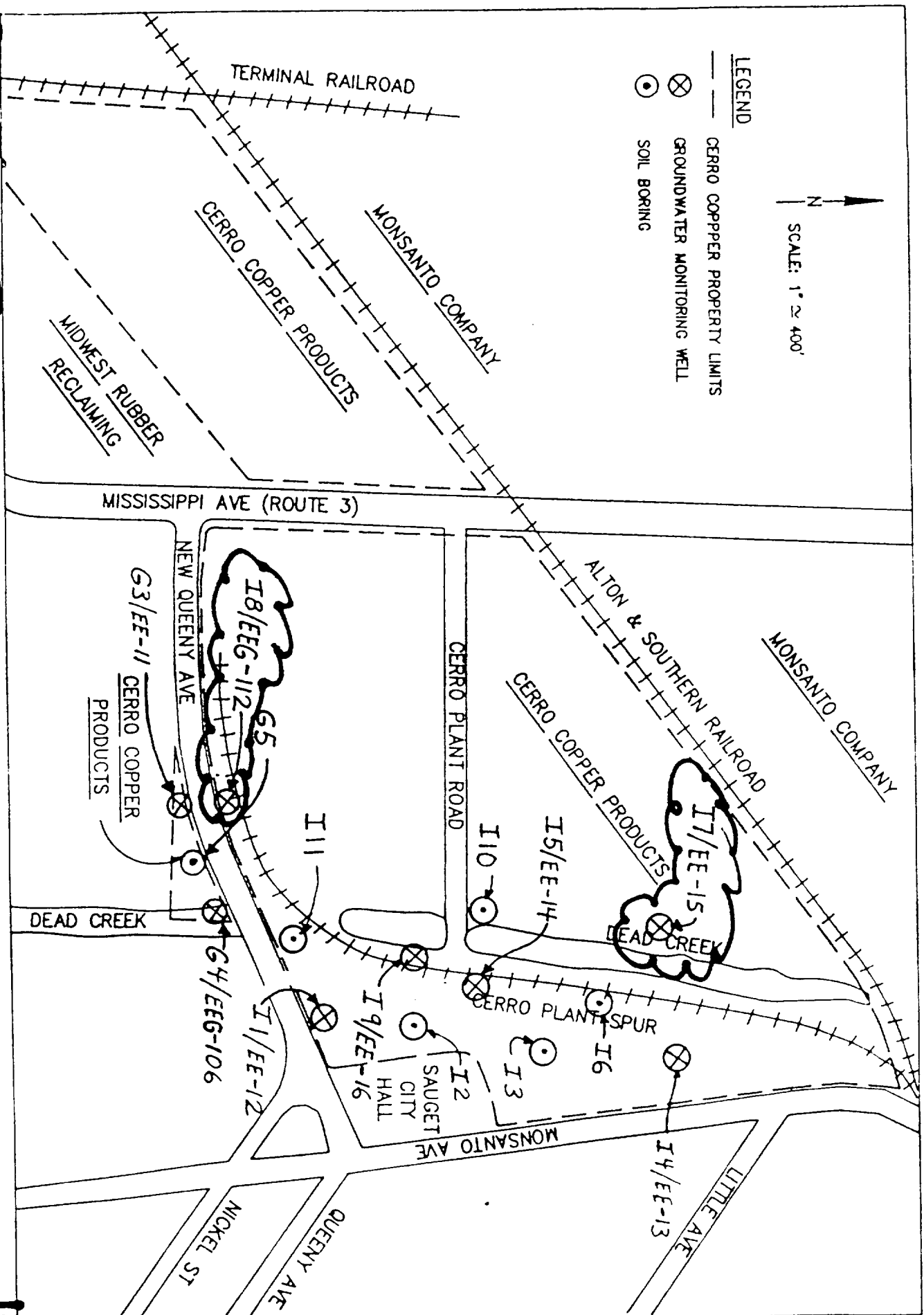
David W. Guyan  
Sverdrup Corporation

N  
SCALE: 1" = 400'

- LEGEND**
- CERRO COPPER PROPERTY LIMITS
  - ⊗ GROUNDWATER MONITORING WELL
  - ⊙ SOIL BORING

**NOTE: NUMBERING LEGEND =**  
BORING HOLE ID / WELL ID

SITE MAP AND E & E WORK AREAS



**ATTACHMENT A**